| FORM PTO-1449<br>(REV. 7-80) |              |                           | U.S. DEPART<br>PATENT AND  | MENT OF COMMERC              | CE ATTY. DOCKET NO.<br>CE ASA-1022-03        | SERIAL       | SERIAL NO.   |                     |           |  |  |  |
|------------------------------|--------------|---------------------------|--|------------------------------|--|--------------|--------------|---------------------|-----------|--|--|--|
| ľ.                           |              | OC DOOLWEN                |  |                              | APPLICANT                                    |              |              |                     |           |  |  |  |
| L                            | .IST         |                           | TS CITED BY A<br>sheets if necessa   |                              | S. HANZAWA et al                             | GROUP        | <del>,</del> |                     |           |  |  |  |
|                              |              |                           |  |                              | 12/04/03                                     | 2818         |              |                     |           |  |  |  |
| l                            |              |                           |  | U.S. PATER                   | IT DOCUMENTS                                 |              |              |                     |           |  |  |  |
| * EXAMINER<br>INITIAL        |              | DOCUMENT                  | DATE   |                              | NAME   | CLASS        | SUBCLASS     | FILING<br>(If Appro |           |  |  |  |
| TL                           | AA           | 5,793,697                 | 08/11/98   | Scheuerlein                  |  |              |              |                     | _         |  |  |  |
| TL                           | AB           | 6,314,014                 | 11/06/01   | Lowrey et al                 |  | -            | _            |                     |           |  |  |  |
| TL                           | AC           | 5,258,958                 | 11/1993  | Iwahashi et al               |  | <u> </u>     |              |                     |           |  |  |  |
| TL                           | AD           | 5,226,014                 | 07/1993  | McManus                      |  |              |              |                     | `         |  |  |  |
| TL                           | AE           | 5,410,509                 | 04/1995  | Morita                       | u, Alv.                                      |              |              |                     |           |  |  |  |
| TV                           | ├            | 5,508,960                 | 04/1996  | Pinkham                      | · · · · · · · · · · · · · · · · · · ·        |              | )            |                     |           |  |  |  |
| ブレ                           | AG 4,758,995 |                           | 07/1988  | Sato                         |  |              |              |                     |           |  |  |  |
|                              | AH           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              | Al           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              | AJ           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              | AK           |                           |  |                              |  |              | <u> </u>     |                     |           |  |  |  |
|                              |              |                           |  | FOREIGN PAT                  | ENT DOCUMENTS                                |              |              | _                   |           |  |  |  |
|                              |              | DOCUMENT                  | DATE   |                              | COUNTRY                                      | CLASS        | SUBCLASS     | TRANSL<br>YES       | NO<br>NO  |  |  |  |
|                              | AL           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              | АМ           |                           |  |                              |  | ļ            |              |                     |           |  |  |  |
|                              | AN           |                           |  |                              |  |              |              |                     |           |  |  |  |
| · ·                          | AO           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              | AP           |                           |  |                              |  |              |              |                     |           |  |  |  |
|                              |              | (                         | OTHER DOCUM  | AENTS (Including A           | Author, Title, Date, Pertinent               | Pages, etc.) |              |                     |           |  |  |  |
|                              | AR           | Scheuer<br>Using a        | Scheuerlein, R., et al, "A 10ns Read and Write Non-Volatile Memory Array   |                              |  |              |              |                     |           |  |  |  |
| TL                           |              | l i                       | Using a Magnetic Tunnel Junction and FET Switch in each Cell", IEEE International Solid-State Circuits Conference, DIGEST OF TECHNICAL PAPERS, |                              |  |              |              |                     |           |  |  |  |
|                              |              |                           | Feb 8, 2000, pp 128-131.   |                              |  |              |              |                     |           |  |  |  |
| N                            | AS           | U.S. Pa                   | U.S. Patent Application Publication No. US 2001/0  |                              |  |              |              |                     |           |  |  |  |
|                              |              | Publish                   | ned Dec 20,  | 2001, Tran e                 | et al.                                       |              |              |                     |           |  |  |  |
|                              | АТ           |                           |  |                              |  |              | <u>-</u>     |                     |           |  |  |  |
| L                            |              |                           |  |                              |  |              |              |                     |           |  |  |  |
| EXAMINER                     | ~            | Though                    | ·  |                              | DATE CONSIDERED                              | /26/04       | -            |                     |           |  |  |  |
| * EXAMINER                   | ton to       | at if reference considere | d, whether or not citatio  | n is in conformance with MPI | EP 609; Draw line through citation if not in |              |              | oopy of this        | form with |  |  |  |
|                              |              |                           |  |                              |  |              |              |                     |           |  |  |  |

| FORM PTC<br>(REV. 7-80 | )-1449<br>) | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                                       |                      | ATTY. DOCKET NO.<br>ASA-1022-03 |              | SERIAL NO.<br>10/726,658 |             |                  |  |
|------------------------|-------------|--|---------------------------------------|----------------------|---------------------------------|--------------|--------------------------|-------------|------------------|--|
|                        | Ner.        | OE DOCUMEN   |                                       |                      | APPLICANT                       | <del></del>  |                          |             |                  |  |
| TO IP                  | East.       | Use several  | TS CITED BY A                         | APPLICAN I<br>Bry)   | S. HANZAWA et al                | GROUP        | 5                        |             |                  |  |
|                        | ~           | 7  |                                       |                      | December 4, 2003                | 2818         |                          |             |                  |  |
| UN 3 0 2               |             |  |                                       | U.S. PATENT          | DOCUMENTS                       |              |                          |             |                  |  |
| EXAMINER INITIAL       | a Cr        | DOCUMENT   | DATE                                  |                      | NAME                            | CLASS        | SUBCLASS                 |             | OATE<br>opriate) |  |
| LYADEN                 | AA          | 6,317,376  | 11/13/01                              | Tran et al           |                                 | _            |                          |             |                  |  |
| TL                     | 1           | 6,269,040  | 07/31/01                              | Reohr et al          |                                 |              |                          |             |                  |  |
|                        | AC          |  |                                       |                      |                                 |              | _                        |             |                  |  |
|                        | AD          |  |                                       |                      |                                 | <b></b>      |                          |             |                  |  |
|                        | AE          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AF          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AG          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | АН          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AI          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AJ          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AK          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | •           |  |                                       | FOREIGN PATE         | NT DOCUMENTS                    |              |                          |             |                  |  |
|                        |             | DOCUMENT   | DATE                                  | c                    | OUNTRY                          | CLASS        | SUBCLASS                 | TRANS       | ATION            |  |
|                        | AL          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | АМ          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AN          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | АО          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AP          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        |             | (  | OTHER DOCU                            | MENTS (Including Aut | hor, Title, Date, Pertinent I   | Pages, etc.) |                          | _           |                  |  |
|                        | AR          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        |             |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | AS          |  |                                       |                      |                                 |              |                          |             | -                |  |
|                        |             |  |                                       |                      |                                 |              |                          | <del></del> |                  |  |
|                        | AT          |  |                                       |                      |                                 |              |                          |             |                  |  |
|                        | IMIL        |  | · · · · · · · · · · · · · · · · · · · | <del> </del>         |                                 |              |                          |             |                  |  |
|                        |             |  |                                       |                      |                                 |              |                          |             |                  |  |
| EXAMINER               |             | Thous  | 1/8                                   | D                    | ATE CONSIDERED                  | 126/00       |                          |             | _                |  |